

## Title (en)

Low migration polyolefin composition comprising vitamin E-type stabiliser

## Title (de)

Polyolefin-Zusammensetzung mit geringer Migration und einem Vitamin-E-artigen Stabilisator

## Title (fr)

Composition de polyoléfine à migration lente comprenant un stabilisateur de type vitamine E

## Publication

**EP 2014704 A1 20090114 (EN)**

## Application

**EP 07013786 A 20070713**

## Priority

EP 07013786 A 20070713

## Abstract (en)

The present invention relates to a polyolefin composition comprising (a) a polyolefin (A), (b) a vitamin E-type stabiliser (B) according to formula (I): wherein R1, R2, R3, R4 and R5 independently are H, or non-substituted or substituted aliphatic or aromatic hydrocarbyl radicals which may comprise heteroatoms, and (c) a phenolic stabilizer (C) according to formula (II): wherein R6, R7 and R8 independently are non-substituted or substituted aliphatic or aromatic hydrocarbyl radicals which may comprise OH-groups; and X1, X2, and X3 independently are H or OH, with the proviso that at least one of X1, X2 and X3 is OH, and (d) optionally, an UV stabilizer, to an article comprising such a polyolefin composition and to the use of such a composition for the production of an article.

## IPC 8 full level

**C08K 3/04** (2006.01); **C08K 5/00** (2006.01); **C08K 5/13** (2006.01); **C08K 5/1545** (2006.01); **C08K 5/34** (2006.01); **F16L 9/12** (2006.01)

## CPC (source: EP US)

**C08K 5/005** (2013.01 - EP US); **C08K 5/13** (2013.01 - EP US); **C08K 5/1545** (2013.01 - EP US); **C08K 3/04** (2013.01 - EP US); **Y10T 428/139** (2015.01 - EP US)

## C-Set (source: EP US)

1. **C08K 5/005 + C08L 23/02**
2. **C08K 5/13 + C08L 23/02**
3. **C08K 5/1545 + C08L 23/02**

## Citation (applicant)

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## Citation (search report)

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## Designated extension state (EPC)

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## DOCDB simple family (application)

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